

Ms. Tanya Mitchell  
Remedial Project Manager  
United States Environmental Protection Agency, Region 2  
New Jersey Remediation Branch  
290 Broadway, 19<sup>th</sup> Floor  
New York, NY 10007-1866

Subject:  
Monthly Progress Report – June 2015  
Rolling Knolls Landfill Superfund Site  
Chatham, New Jersey

Dear Ms. Mitchell:

This monthly progress report has been prepared in accordance with Section XI. 48. of the Administrative Settlement Agreement and Order on Consent (Agreement) between the United States Environmental Protection Agency (USEPA), and Chevron Environmental Management Company for itself and on behalf of Kewanee Industries, Inc., Alcatel-Lucent USA Inc. and Novartis Pharmaceuticals Corporation (collectively, "Settling Parties") for the Rolling Knolls Landfill Superfund Site (the site), which was entered on September 30, 2005. The reporting period for this progress report is June 2015. The progress report was prepared by ARCADIS on behalf of the Settling Parties.

## 1. Activities Performed During the Reporting Period

During this reporting period, the Settling Parties conducted the following RI activities:

- Completed installation and development of monitoring wells as part of the Phase II Data Gaps SAP field work.
- Submitted a field change request (FCR-07) for modifications to the installation of monitoring well MW-20 to USEPA on June 9, 2015.
- Submitted a revised field change request (FCR-08) for pore-water sampling at proposed monitoring well location MW-13 to USEPA on June 9, 2015.

Imagine the result

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Our ref:  
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- Submitted a field change request (FCR-09) for a sampling of existing monitoring well locations and parameters during Phase II groundwater sampling to USEPA on June 10, 2015.
- Began Phase II groundwater sampling on June 22, 2015.
- Received email approval of FCR-07 from USEPA for modifications to the installation of monitoring well MW-20 on June 17, 2015.
- Received comments on Addendum 1 of the Data Gaps SAP and QAPP from USEPA on June 17, 2015.
- Received email approval of FCR-08 from USEPA for pore-water sampling at proposed monitoring well location MW-13 on June 25, 2015.
- Participated in a conference call with USEPA and NJDEP to discuss comments received on Addendum 1 of the Data Gaps SAP and QAPP on June 30, 2015

## **2. Activities Scheduled for the Next Two Months**

The Settling Parties will conduct the following activities:

- Conduct monthly inspections of the drum storage area located adjacent to the Drum Area and conduct maintenance activities as necessary.
- Conduct a site visit to assess additional soil and sediment sample locations requested by NJDEP, following receipt of sample location rationales from NJDEP.
- Submit revised soil and sediment sample location figures and tables, following receipt of the sample location rationales from NJDEP.
- Submit revised Data Gaps SAP and QAPP addenda, following review and agreement of the revised figures and tables identifying soil and sediment sample location requests from NJDEP.
- Begin implementation of additional soil and sediment delineation sampling, pending approval of the Data Gaps SAP and QAPP addenda.
- Coordinate with the laboratory on sample analysis and sample receipt.

- Review and validate analytical results from the Data Gaps SAP Phase II groundwater sampling and additional soil and sediment delineation sampling.

### 3. Problems or Schedule Delays

A field change request for pore-water sampling was originally submitted to USEPA on June 9, 2015, along with a request for the required sample volumes needed for USEPA split samples. The field change request was approved on June 25, 2015; however, the Settling Parties could not order the passive diffusion bags until the USEPA provided the sample volumes it needed for split samples. The USEPA provide that information on July 1, 2015. The installation of pore-water samplers has been scheduled for July 15, 2015, and the tentative sampling date will occur during the week of August 3, 2015. The second groundwater sampling event of the Data Gaps SAP is also on-going. After the Settling Parties submitted the Interim Data Gaps Technical Memo, USEPA requested three additional monitoring wells. Two of these wells were located in potential bog turtle habitat and required installation of boardwalks to access, specialized installation methods and installation oversight by a bog turtle expert. New monitoring wells (MW-11, MW-12, and MW-14 through MW-20) were sampled June 22 through 26, 2015. Existing wells are scheduled to be sampled the week of July 20, 2015. The delay in pore-water and groundwater sampling will in turn delay the preparation of the final Data Gaps 2014-2015 Sampling Event Report originally scheduled for submittal on July 13, 2015.

In addition, the Settling Parties submitted to the USEPA an addendum to the Data Gaps SAP on April 29, 2015, including sample locations USEPA and NJDEP requested by email of April 6, 2015 for additional delineation. The agencies provided comments on this document on June 17, 2015 and requested an additional 33 sample locations. NJDEP is preparing a rationale for each of the requested sample locations. Upon receipt of these rationales, ARCADIS will conduct a site assessment of each location to determine if the samples can be collected. In addition, ARCADIS will analyze the NJDEP sampling locations to determine whether the locations can be consolidated, re-configured or otherwise reduced, while still meeting the NJDEP objectives for the sampling. ARCADIS has indicated that it will complete this process within two weeks of receipt of the NJDEP rationale document. Once agreement has been reached on the number and location of additional samples, ARCADIS will resubmit revised Data Gaps SAP addenda. The overall schedule for completion of the Data Gaps SAP and submission of the final Data Gaps 2014-2015 Sampling Event Report will be reevaluated following USEPA approval of the revised Data Gaps SAP addenda.

The next monthly progress report will be submitted to the USEPA on or before August 17, 2015.

Please contact me at 865.777.3502 if you have questions or comments on this monthly progress report.

Sincerely,

ARCADIS U.S., Inc.



Suzanne J. Walls  
Project Manager

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